

The Society then proceeded to ballot for candidates for membership.

The following resolution was, on motion of Judge Kane, unanimously adopted:—

*Resolved*, That the cordial thanks of the Society be and they hereby are tendered to George Ord, Esq., for the faithful, assiduous, and effective manner in which he has for several years discharged the duties of Treasurer and Librarian of this Society.

On motion of Dr. Patterson, permission was granted to Mr. R. Tilghman to publish his paper on the Decomposition of Substances by Steam at a High Temperature, as an extract from the forthcoming volume of this Society's Transactions, in any of the scientific journals of this country.

The other business being finished, the ballot box was examined, and the following gentlemen were declared to have been duly elected members of this Society:—

Mr. JOHN F. JAMES, of Philadelphia.

Rev. ROBERT BAIRD, D.D., of New York.

Lieut. J. MELVILLE GILLISS, of Washington.

J. C. ADAMS, Esq., St. John's College, Cambridge (England).

Prof. ASA GRAY, of Cambridge (Mass.).

Dr. GUSTAV. ADOLPH JAHN, of Leipsic.

*Stated Meeting, February 4.*

Present, seventeen members.

Dr. PATTERSON, Vice-President, in the Chair.

Mr. John F. James, a newly elected member, was introduced and took his seat.

Letters were received and read:—

From the Zoological Society of London, dated London, April, 1847, acknowledging the receipt of the Transactions and Proceedings of this Society:—

From the Imperial Society of Naturalists at Moscow, dated

1-13 July, 1847, and 16-23 Sept., 1847, announcing donations to this Society:—

From Mr. Henry Denny, Secretary of the Geological and Polytechnic Society of the West Riding of Yorkshire, accompanying seven Nos. of the Proceedings of that Society, and expressing a willingness to continue sending them, if this Society desired it: and—

From J. M. Gilliss, U. S. N., dated Washington, 26th Jan., 1848, and Prof. Asa Gray, dated Cambridge, Mass., 1 February, 1848, acknowledging the receipt of notice of their election as members of this Society.

The following donations were announced:—

FOR THE LIBRARY.

- Transactions of the Zoological Society of London. Vol. III. Part 4. London, 1846. 4to.—*From the Society.*
- Proceedings of the Zoological Society of London. Nos. 155 to 177. Jan. 13, 1846, to July 27, 1847. 8vo.—*From the same.*
- Reports of the Council and Auditors of the Zoological Society of London, read at the Annual General Meeting, April 29, 1847. 8vo.—*From the same.*
- List of the Fellows and Honorary Foreign and Corresponding Members of the Zoological Society of London; together with the Holders of Ivory Tickets. London, June, 1847. 8vo.—*From the same.*
- Quarterly Journal of the Geological Society. No. 12. Nov. 1, 1847. London, 1847. 8vo.—*From the Society.*
- Proceedings of the Royal Astronomical Society. Vol. VII. No. 17. London, 1847. 8vo.—*From the Society.*
- Bulletin de la Société Impériale des Naturalistes de Moscou. No. 4, 1846; et Nos. 1 & 2, 1847. Moscou, 1846-7. 8vo.—*From the Society.*
- Rapport sur la Séance Extraordinaire de la Société Impériale des Naturalistes de Moscou, du 22 Février, 1847, à l'occasion du Jubilé semi-seculaire du Doctorat de S. Exc. M. Fischer de Waldheim, Fondateur de la Société. Par le Second Secrétaire, Dr. Renard. Moscou, 1847. 8vo.—*From the same.*
- A Copy of the same.—*From Charles Cramer.*
- Twenty-seventh Report of the Council of the Leeds Philosophical and

- Literary Society, at the close of the Session, 1846-7. Leeds, 1847. 8vo.—*From the Society.*
- Reports of the Proceedings of the Geological and Polytechnic Society of the West Riding of Yorkshire. Seven Numbers, from 1840 to 1846. Leeds, 1847. 8vo.—*From the Society.*
- Bulletin de la Société de Géographie. Troisième Série. Tome VII. Paris, 1847. 8vo.—*From the Society.*
- Journal Asiatique. Quatrième Série. Tome X. Sept. 1847. Paris, 1847. 8vo.—*From the Society.*
- The Annals and Magazine of Natural History. Vol. XX. No. 135, and Supplement, No. 136. London, Dec. 1847. 8vo.—*From Sir William Jardine, Bart.*
- The British Almanac of the Society for the Diffusion of Useful Knowledge, for the Year 1848. London. 8vo.—*From Petty Vaughan, Esq.*
- Introductory Lecture, delivered to the Class of Institutes of Medicine in Jefferson College, November 4, 1847. By Robley Dunglison, M.D. Philadelphia, 1847. 8vo.—*From the Author.*
- Researches into the Comparative Structure of the Liver. By Joseph Leidy, M.D. Extracted from the American Journal of Medical Sciences. Philadelphia, 1848. 8vo.—*From the Author.*
- The Medical News and Library. Vol. VI. No. 62. Feb. 1848. 8vo.—*From Lea & Blanchard.*
- The Orbit of Neptune, computed by Sears C. Walker, A.A.S.; and Formulæ in the Theory of Neptune, by Benjamin Peirce, A.A.S. *From Dr. R. M. Patterson.*
- Proceedings of the Historical Society of Pennsylvania. Vol. I. No. 13. Dec. 1847. 8vo.—*From the Society.*

ADDITIONS TO THE LIBRARY BY PURCHASE.

- Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Tome XXV. Nos. 17 à 21. Oct. 25 à Nov. 25, 1847. Avec Tables des Matières du Tome XXV. 4to.
- Annales de Chimie et de Physique. Troisième Série. Tome XXI. Nov. et Dec. 1847. 8vo.
- London, Edinburgh and Dublin Philosophical Magazine, and Journal of Science. Third Series. No. 210, and Supplement, No. 211. December, 1847. 8vo.
- Astronomische Nachrichten. Nos. 616, 617, 619. Altona, Nov. 1847. 4to.

Mr. Lea announced the death of Prof. Lardner Vanuxem, a member of this Society, and accompanied the announcement with a brief notice of his life and scientific labours.

On motion of Dr. F. Bache, Mr. Lea was requested to prepare an obituary notice of Prof. Vanuxem.

The Committee on Finance made a report recommending the appropriations for the year, which were sanctioned by the Society.

*Stated Meeting, February 18.*

Present, sixteen members.

Dr. PATTERSON, Vice-President, in the Chair.

The following donations were announced:—

FOR THE LIBRARY.

Journal Asiatique. Quatrième Série. Tome X. No. 49. Oct. 1847. 8vo.—*From the Asiatic Society of Paris.*

Fragmens sur l'Uniformité à introduire dans les Notations Géographiques sur les Antiquités Américaines, et sur divers points de Géographie. Extrait du Bulletin de la Société de Géographie. Avril, 1847. 8vo.—*From M. Jomard.*

The African Repository and Colonial Journal. Vol. XXIV. No. 2. Feb. 1848. 8vo.—*From the American Colonization Society.*

Journal of the Franklin Institute. Vol. XLV. No. 266. Third Series. Vol. XV. No. 2. February, 1848. 8vo.—*From the Institute.*

Letter from the acting Secretary of the Treasury, communicating the Report of the Superintendent of the Coast Survey, showing the progress of that Work. Washington, 1847. 8vo.—*From Prof. A. D. Bache.*

Comstock's Phonetic Testament. The New Testament printed in Phonetic Characters. Philadelphia, 1848. 8vo. *From Dr. A. Comstock.*

Report on the Cypress Timber of Mississippi and Louisiana. By Montroville W. Dickeson, M.D. and Andrew Brown, A.M. Philadelphia, 1848. 8vo.—*From the Authors.*